

Converting Colors

$Yxy(60.5755, 0.2494, 0.2773)$

Have a look what the booklet for
Yxy(60.5755, 0.2494, 0.2773)
contains.

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Color

Yxy(60.5808, 0.2494, 0.2773)

Conversions

Conversions Part 1

Format	Color
Hex	99D3FF
RGB	153, 211, 255
RGB Percent	60%, 83%, 100%
CMY	0.3997, 0.1726, 0.0001
CMYK	0.40, 0.17, 0.00, 0.00
HSL	206°, 100%, 80%
HSV	206°, 40%, 100%
XYZ	54.4856, 60.5808, 103.4003
YIQ	198.6740, -48.6920, 1.3880

Conversions

Conversions Part 2

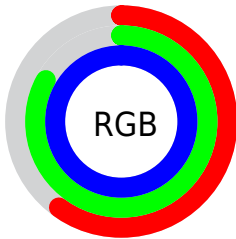
Format	Color
RYB	153, 190, 255
Decimal	10081279
CIELab	82.15, -7.72, -27.36
CIELCh	82, 28.424, 254.242
Yxy	60.5808, 0.2494, 0.2773
Android (android.graphics.Color)	4288271359 (0xFF99D3FF)
YUV	198.6740, 27.7687, -40.0561
Hunter-Lab	77.8337, -11.2543, -24.2819

Details

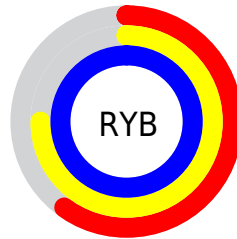
The Yxy color **60.5808, 0.2494, 0.2773** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.5062, 0.3954, 0.3750**, and the grayscale version is **56.7619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **30.7325, 0.2346, 0.2653** is the 20% darker color. If you saturate the color by 10%, you get **53.0793, 0.2342, 0.2616**, and if you desaturate by 10%, it is **68.9912, 0.2652, 0.2920**.

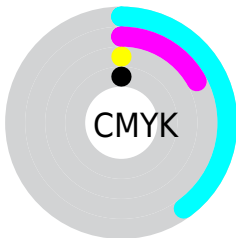
Distribution



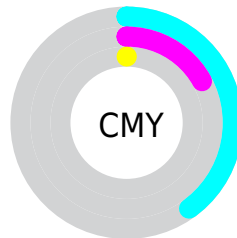
- Red (60%)
- Green (83%)
- Blue (100%)



- Red (60%)
- Yellow (75%)
- Blue (100%)



- Cyan (40%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5808, 0.2494, 0.2773 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 60.5808, 0.2494, 0.2773 by changing the saturation by 10% instead.

60.5808, 0.2494,
0.2773

60.5808, 0.2494,
0.2773

426.7353, 0.2789,
0.3020

43.8869, 0.2427,
0.2715

105.6717, 0.2596,
0.2860

30.5816, 0.2344,
0.2644

134.8376, 0.2636,
0.2893

20.2805, 0.2240,
0.2553

168.9296, 0.2670,
0.2922

12.5991, 0.2105,
0.2433

208.3321, 0.2700,
0.2946

7.1531, 0.1925,
0.2269

253.4295, 0.2726,
0.2968

3.5580, 0.1675,
0.2035

304.6063, 0.2750,

1.4295, 0.1313,

0.2987

0.1683

362.2467, 0.2770,
0.3004

0.2383, 0.0126,
0.0788

0.0000, 0.0000,
0.0000

60.5808, 0.2494,
0.2773

60.5808, 0.2494,
0.2773

53.0793, 0.2342,
0.2616

68.9912, 0.2652,
0.2920

46.4383, 0.2202,
0.2450

78.3418, 0.2813,
0.3056

40.6144, 0.2077,
0.2281

88.6707, 0.2972,
0.3179

35.5562, 0.1972,
0.2110

99.9979, 0.3127,
0.3290

■ 31.2036, 0.1890,
0.1944

■ 27.4637, 0.1829,
0.1783

■ 27.4515, 0.1829,
0.1782

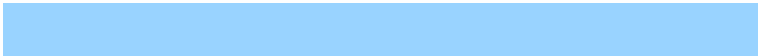
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.5808, 0.2456, 0.2996



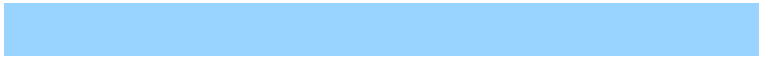
60.5808, 0.2494, 0.2773



60.5808, 0.2691, 0.2695

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.5808, 0.2494, 0.2773



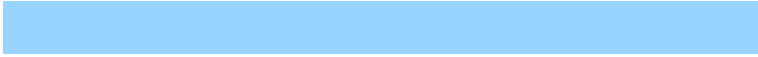
60.5808, 0.3695, 0.3218



60.5808, 0.3210, 0.3900

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



60.5808, 0.2494, 0.2773



63.5062, 0.3954, 0.3750

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.5808, 0.3555, 0.3932



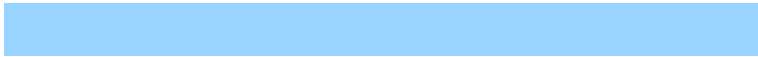
60.5808, 0.2494, 0.2773



60.5808, 0.3849, 0.3517

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.5808, 0.2494, 0.2773



60.5808, 0.3382, 0.2948



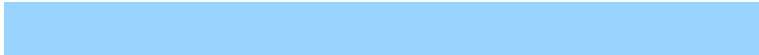
60.5808, 0.3794, 0.3781



60.5808, 0.2855, 0.3671

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.5808, 0.2494, 0.2773



60.5808, 0.2894, 0.2724



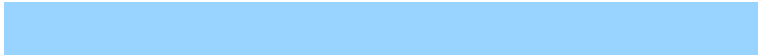
60.5808, 0.3794, 0.3781



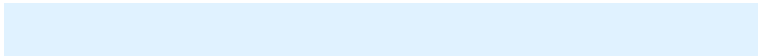
60.5808, 0.3331, 0.3934

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



60.5831, 0.2494, 0.2773



86.5139, 0.2940, 0.3155



82.2417, 0.2858, 0.3997



18.2222, 0.2919, 0.3140



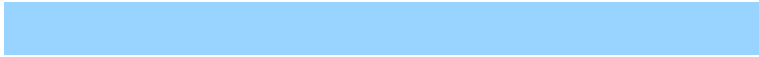
0.0000, 0.0000, 0.0000



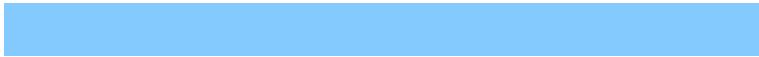
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.5831, 0.2494, 0.2773



54.5006, 0.2371, 0.2647



39.6825, 0.2398, 0.2161



19.0919, 0.2979, 0.3185



14.6507, 0.1836, 0.1809



1.6437, 0.1887, 0.1993

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



48.7614, 0.3561, 0.2697



42.1986, 0.3687, 0.2582



89.7569, 0.3758, 0.4212



18.1601, 0.3205, 0.3156



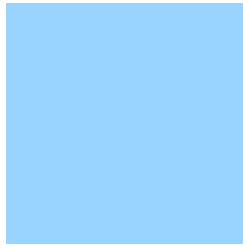
12.2070, 0.4675, 0.2349



1.2105, 0.4461, 0.2231

Previews

White Background



This preview shows how the Yxy color 60.5808, 0.2494, 0.2773 looks on a white background.

Color Contrast Check

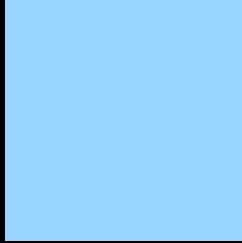
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 60.5808, 0.2494, 0.2773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

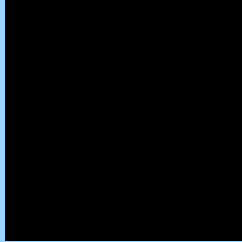
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

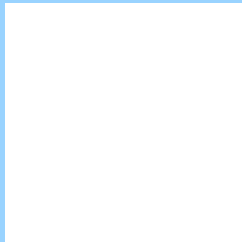
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.5808, 0.2494, 0.2773

Background



This preview shows how black text looks on a background with the Yxy color 60.5808, 0.2494, 0.2773.



This preview shows how white text looks on a background with the Yxy color 60.5808, 0.2494, 0.2773.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

60.5808, 0.2494, 0.2773

Protanopia

60.3558, 0.2759, 0.2772

Deuteranopia

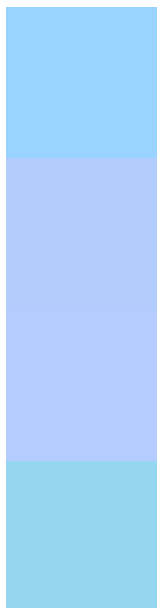
60.2643, 0.2735, 0.2682



Tritanopia

60.6301, 0.2585, 0.3079

Trichromacy



Original Color

60.5808, 0.2494, 0.2773

Protanomaly

60.0927, 0.2648, 0.2763

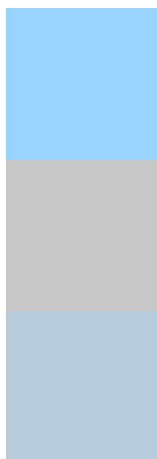
Deuteranomaly

60.1090, 0.2637, 0.2711

Tritanomaly

60.7740, 0.2553, 0.2974

Monochromacy



Original Color

60.5808, 0.2494, 0.2773

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.7714, 0.2864, 0.3097

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5808, 0.2494, 0.2773 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(153, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 211, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(153, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 211, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.5808, 0.2494, 0.2773 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 211, 255) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(153, 211, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(153, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 211,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5808, 0.2494, 0.2773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 211, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(153,  
211, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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